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PATENT Attorney Docket No. MIT-168

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Tuller et al.

SERIAL NO.:

10/646,098

GROUP NO.:

2874

FILING DATE:

August 22, 2003

EXAMINER:

M.R. Connelly Cushwa

TITLE:

STABILIZED TITANATE THIN FILM STRUCTURES

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 14th day of April, 2005.

Wendy Martin

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

- 1. Transmittal Form (1 pg.);
- 2. Response to Election Requirement (2 pgs.); and
- 3. Return receipt postcard

VER 9/00

	- AIPA						
APR 1 8 2005 TRANSMITTAL FORM			Application Serial Number			10/646,098	
			Filing Date			August 22, 2003	
			First Named Inventor			Tuller	
			Group Art Unit			2874	
			Examiner Name			M.R. Connelly Cushwa	
			Attorney Docket No.			MIT-168	
			Patent No.			Not applicable	
			Issue Date			Not applicable	
ENCLOSURES (check all that apply)							
	Fee Transmittal Form		Copy of Notic	e to File Missing		-	
	☐ Check Attached☐ Copy of Fee Transmittal Form		Parts of Applic			of Patent Appeals and Interferences Appeal Brief (in triplicate)	
\boxtimes	Response to Election Requirement Preliminary After Final Affidavits/declaration(s) Letter to Official Draftsperson		Examination (RCE) Transmittal Power of Attorney			Status Inquiry	
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	including Drawings [Total Sheets]		Terminal Disc	laimer		Certificate of Facsimile Transmission under 37 C.F.R. 1.8	
	Petition for Extension of Time	—	Executed Declaration and Power of Attorney for Utility or Design Patent Application			Additional Enclosure(s) (please identify below)	
	Information Disclosure Statement		Small Entity Statement				
	Form PTO-1449 Copies of IDS Citations	1	CD(s) for large program	e table or computer			
	Certified Copy of Priority Document(s)		Amendment After Allowance				
	Sequence Listing submission Paper Copy/CD Computer Readable Copy Statement verifying identity of above		Request for Certificate of Correction Certificate of Correction (in duplicate)				
COR	RESPONDENCE ADDRESS			SIGNATURE BLO	0 <u>C</u>		
Direct all correspondence to: Patent Administrator Goodwin Procter LLP Exchange Place Boston, MA 02109 Tel. No.: (617) 570-1000 Fax No.: (617) 523-1231 Customer No. 051414			000 231	Respectfully submitted, Date: Ar: 1/1, 2005 Reg. No. 44,381 Tel. No.: (617) 570-1806 Fax-No.: (617) 523-1231 Respectfully submitted, Natasha C. Us Attorney for Applicant(s) Goodwin Procter LLP Exchange Place Boston, MA 02109			

VER 12/00



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RESPONSE TO ELECTION REQUIREMENT

This paper responds to the Election Requirement mailed from the U.S. Patent and Trademark Office on March 15, 2005, in connection with the above-identified patent application.

REMARKS

The Examiner requires the election of a single disclosed species for prosecution on the merits, to which the claims shall be restricted if no generic claim is held to be allowable. The Examiner has indicated that the elected species should include one element from each of the following groups A through C:

- A. Stabilized barium titanate comprises:
 - A-1. $Zr(BaZrO_3)$
 - A-2. $Hf(BaHfO_3)$
 - A-3. KNbO₃
 - A-4. $Sn(BaSnO_3)$
- B. Optical structure
 - B-1. with a buffer layer
 - B-2. without a buffer layer